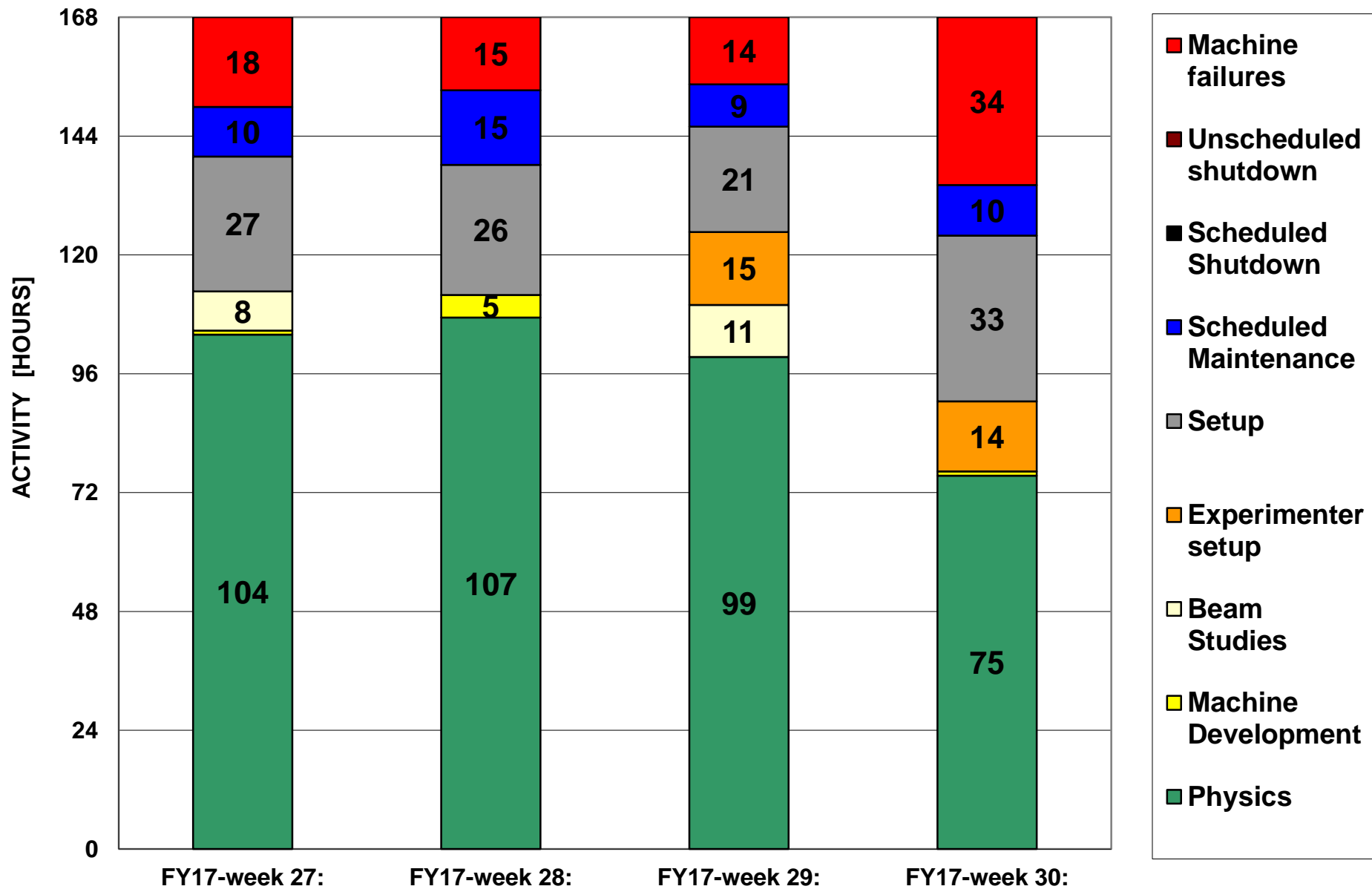


C-AD ACTIVITY APRIL 2017



INTEGRATED FAILURES (GREATER THAN ONE HOUR) BY SYSTEM --APRIL 2017

LINAC TANK Quads

Mod 3

Water Cooling LINAC

LINAC Tower Pump

Water Cooling Booster

No flow to Scraper/Dump

Vacuum RHIC

Sector 1 & 2 B&Y permit pulled spontaneously

PS RHIC

yo5-tq5-ps, yi6tq6-ps, yo9-tv9-ps

Pulsed Power RHIC

Y abort kicker pre-fire

Experiments

STAR – power cycle a crate

Jet Target

CeC – water flow to 704 MHz Rf

Controls Hardware

cfe-6a-STAR

B Inj Kicker communications

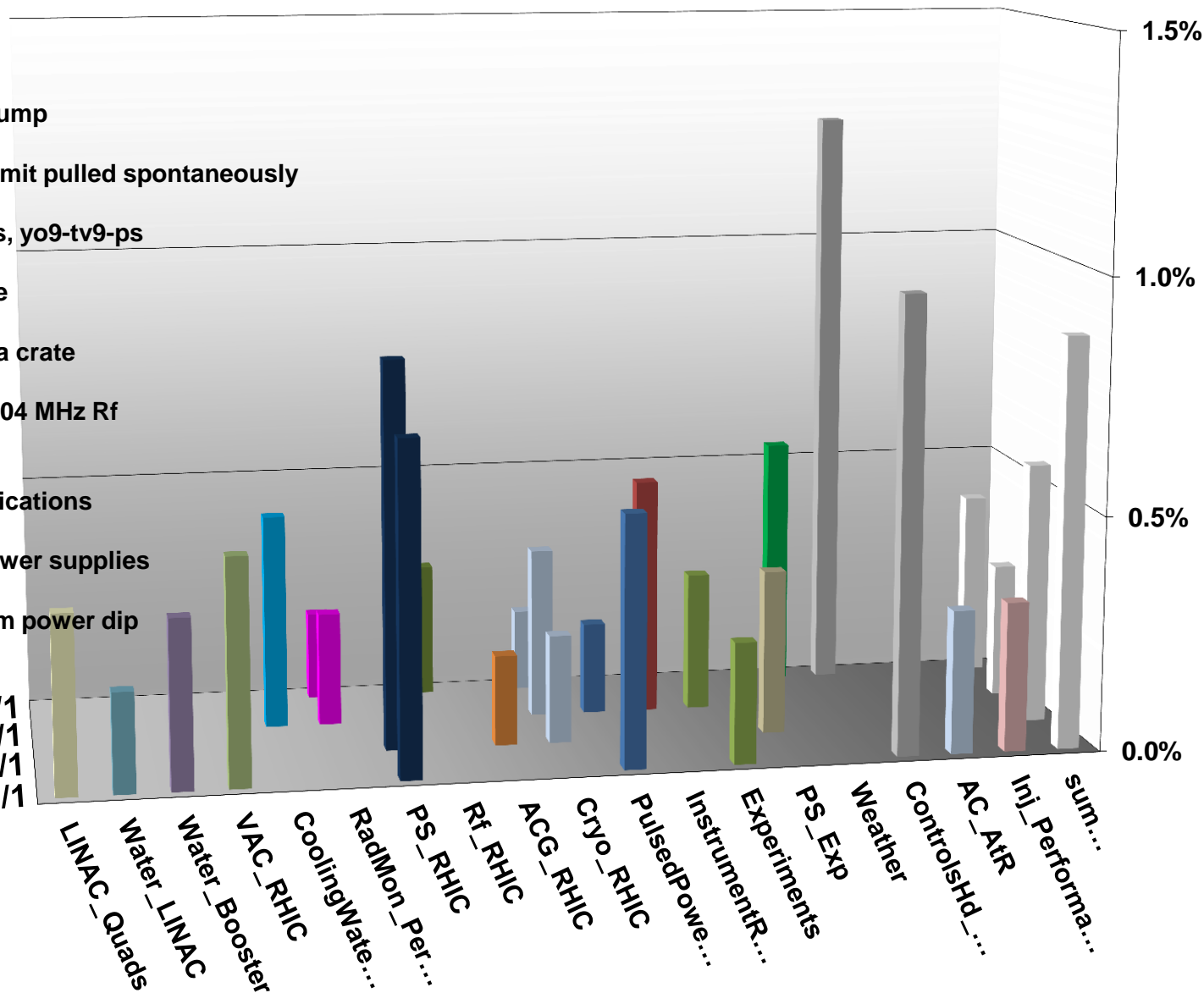
AC_AtR

Cooling for 1000P power supplies

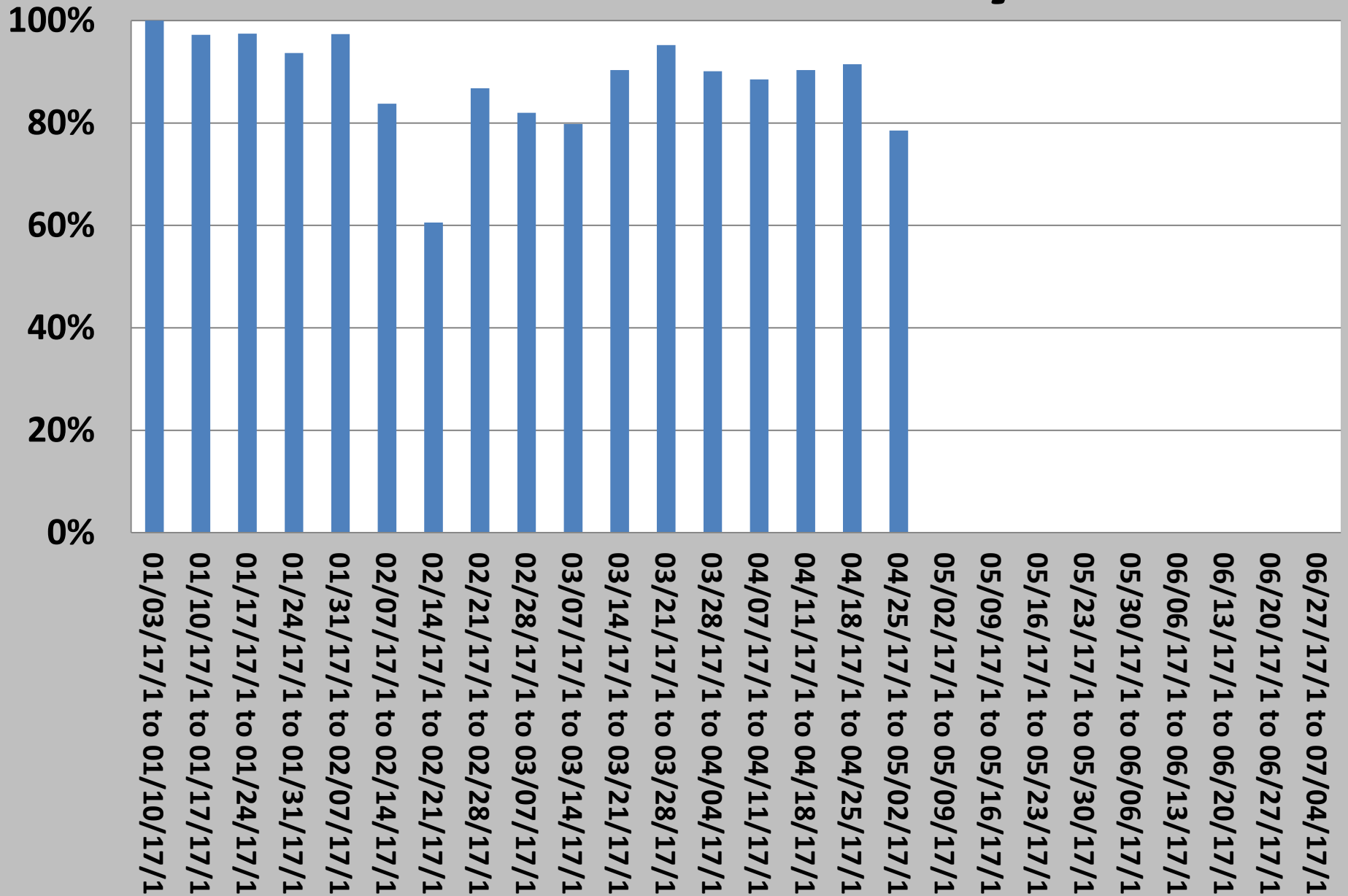
Injector Performance

Recovery/Tuning from power dip

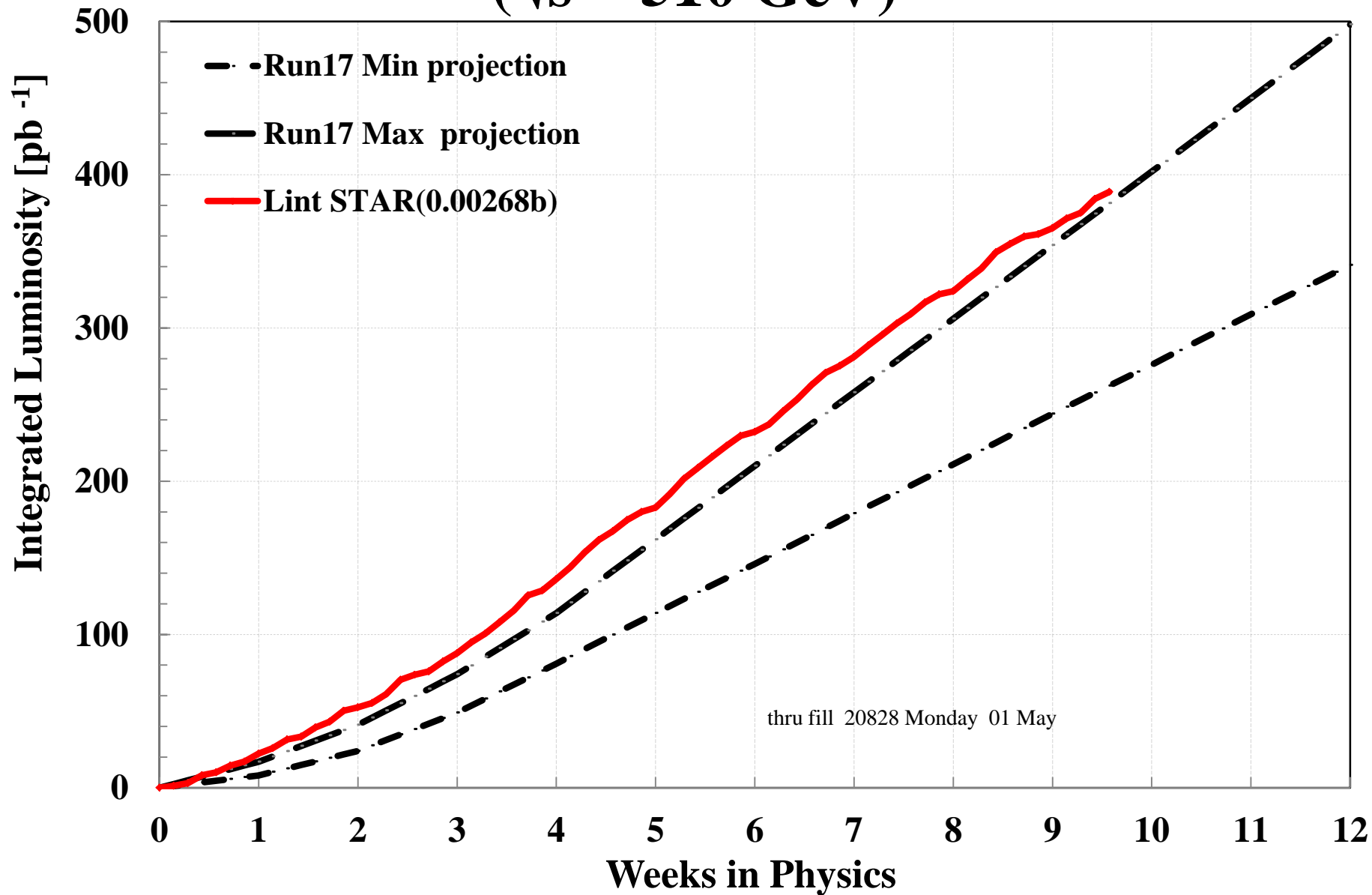
04/04/17/1 to 04/11/17/1
04/11/17/1 to 04/18/17/1
04/18/17/1 to 04/25/17/1
04/25/17/1 to 05/02/17/1



Run17 availability

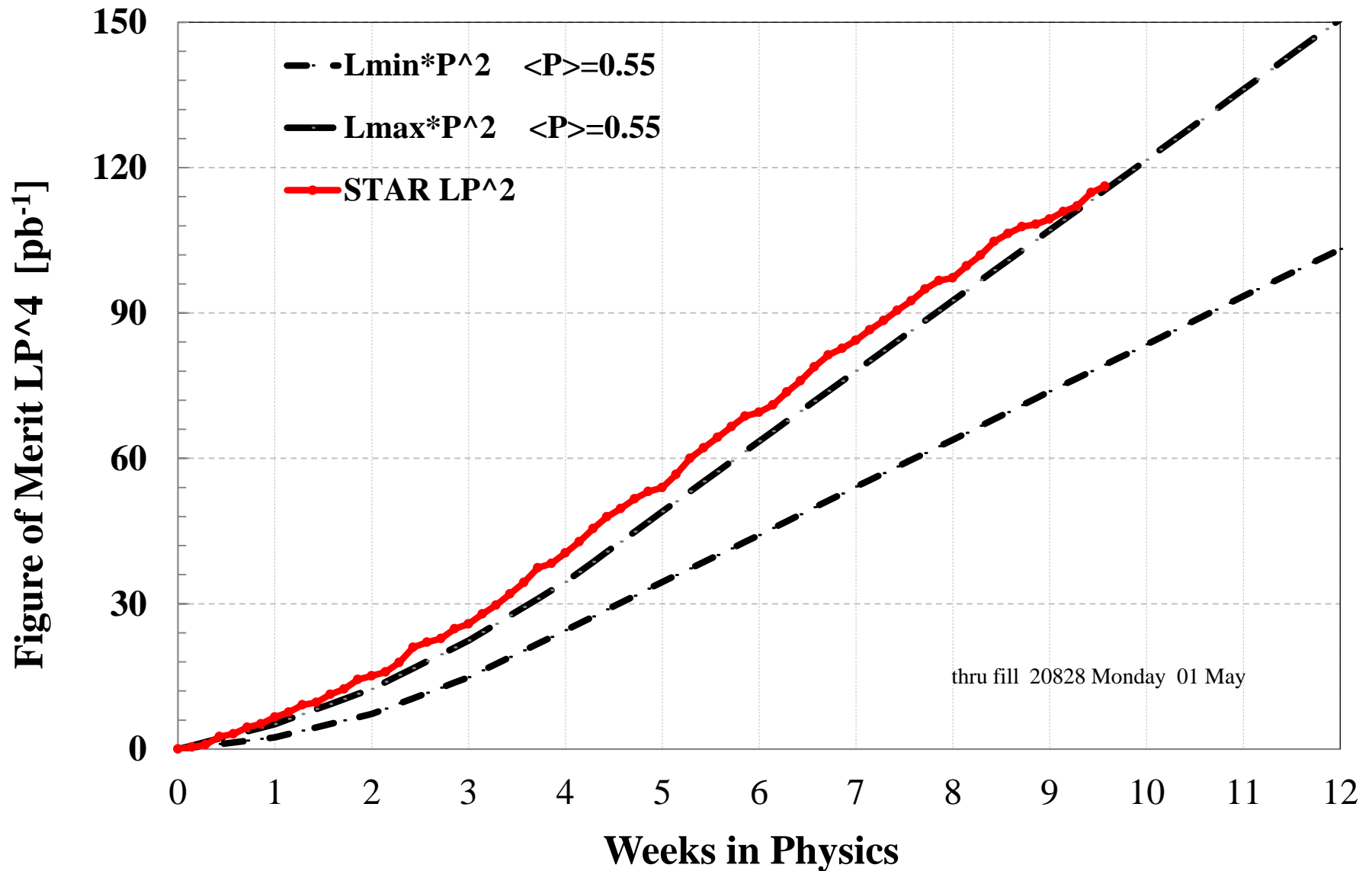


RHIC Run15 p[^]p[^] Delivered Luminosity ($\sqrt{s} = 510$ GeV)

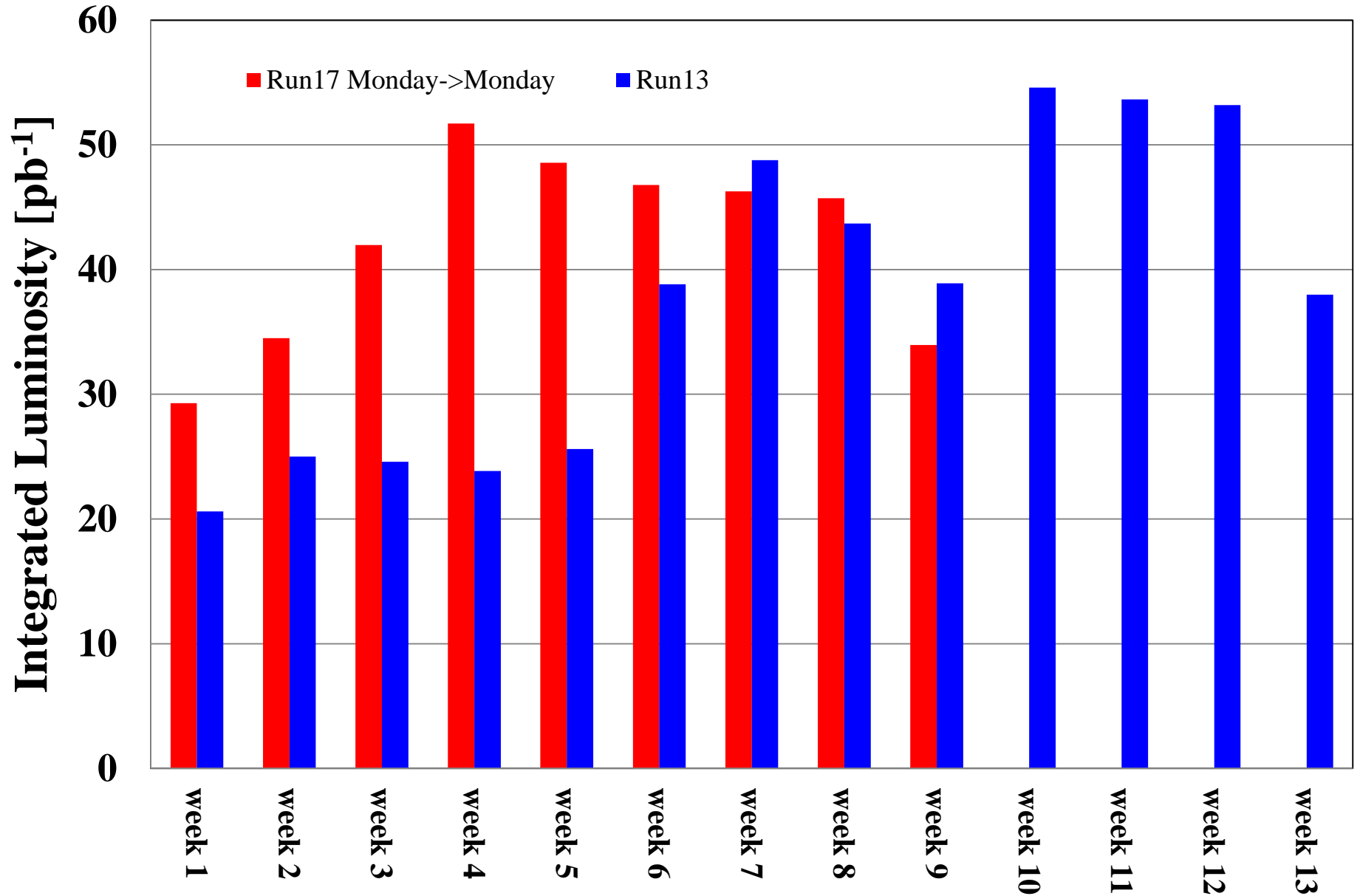


Run17 STAR FoM

p^+p^+ ($\sqrt{s} = 510$ GeV)



STAR Integrated Luminosity by Week



TIME AT STORE

